

【書類名】 図面

【図 1】

Fig. 1

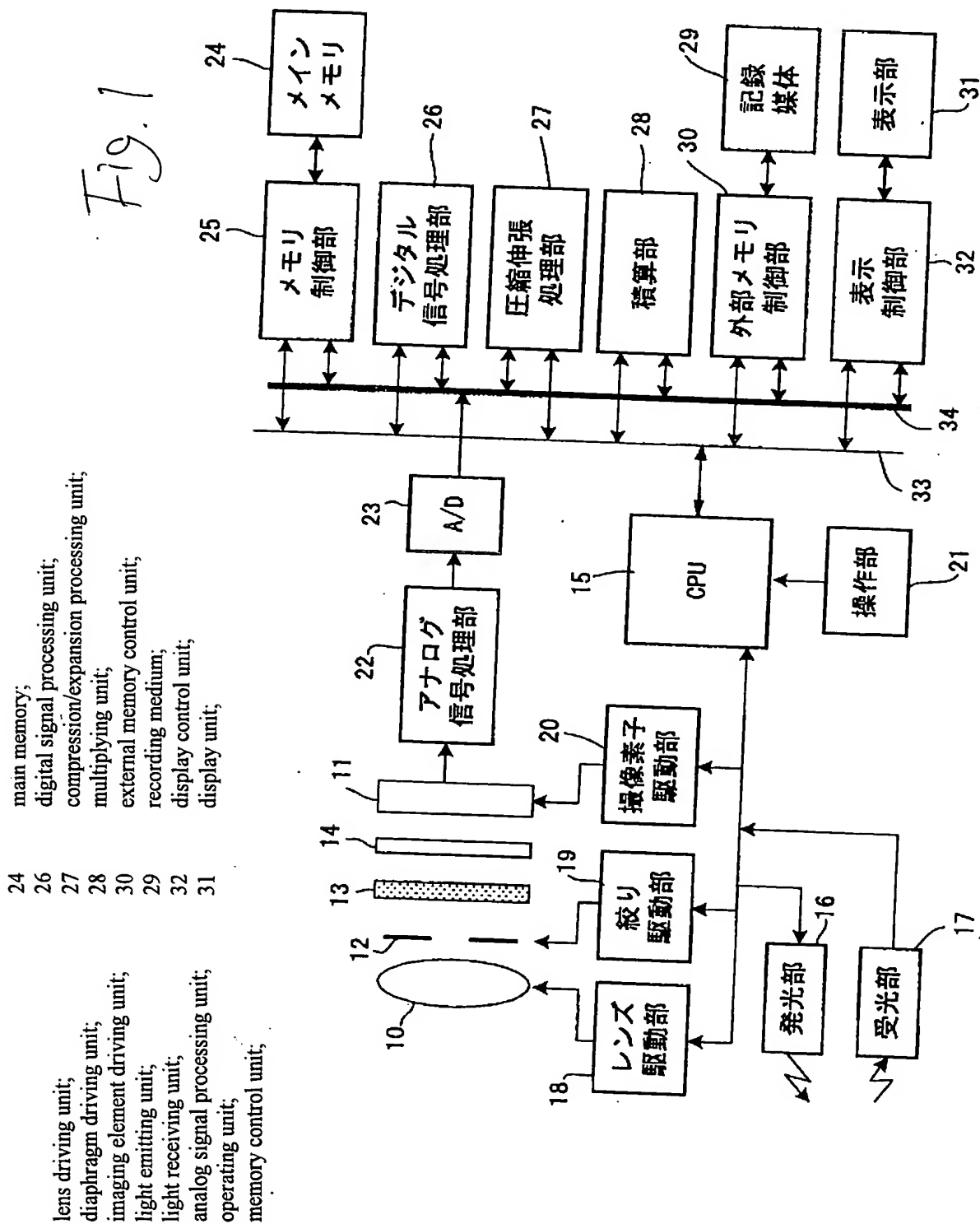
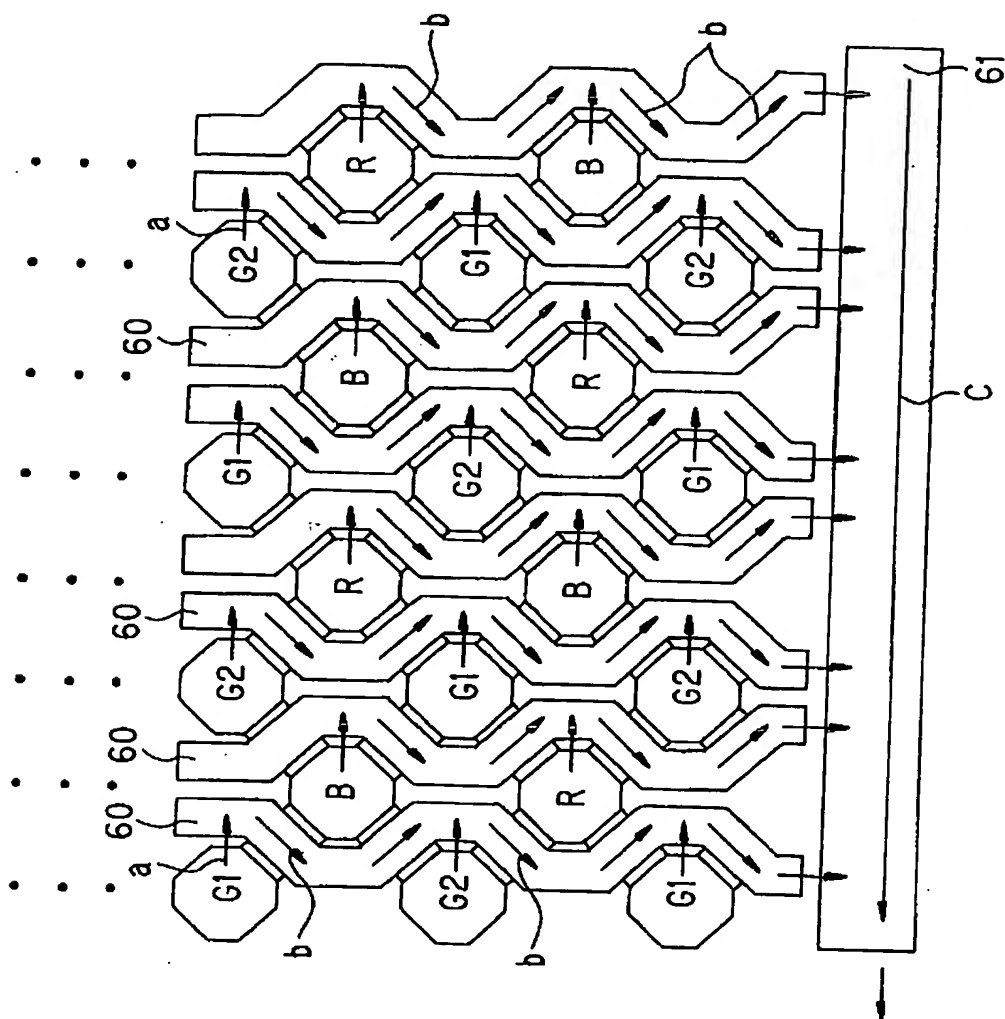


FIG. 1

【図2】

Fig. 2



【図3】

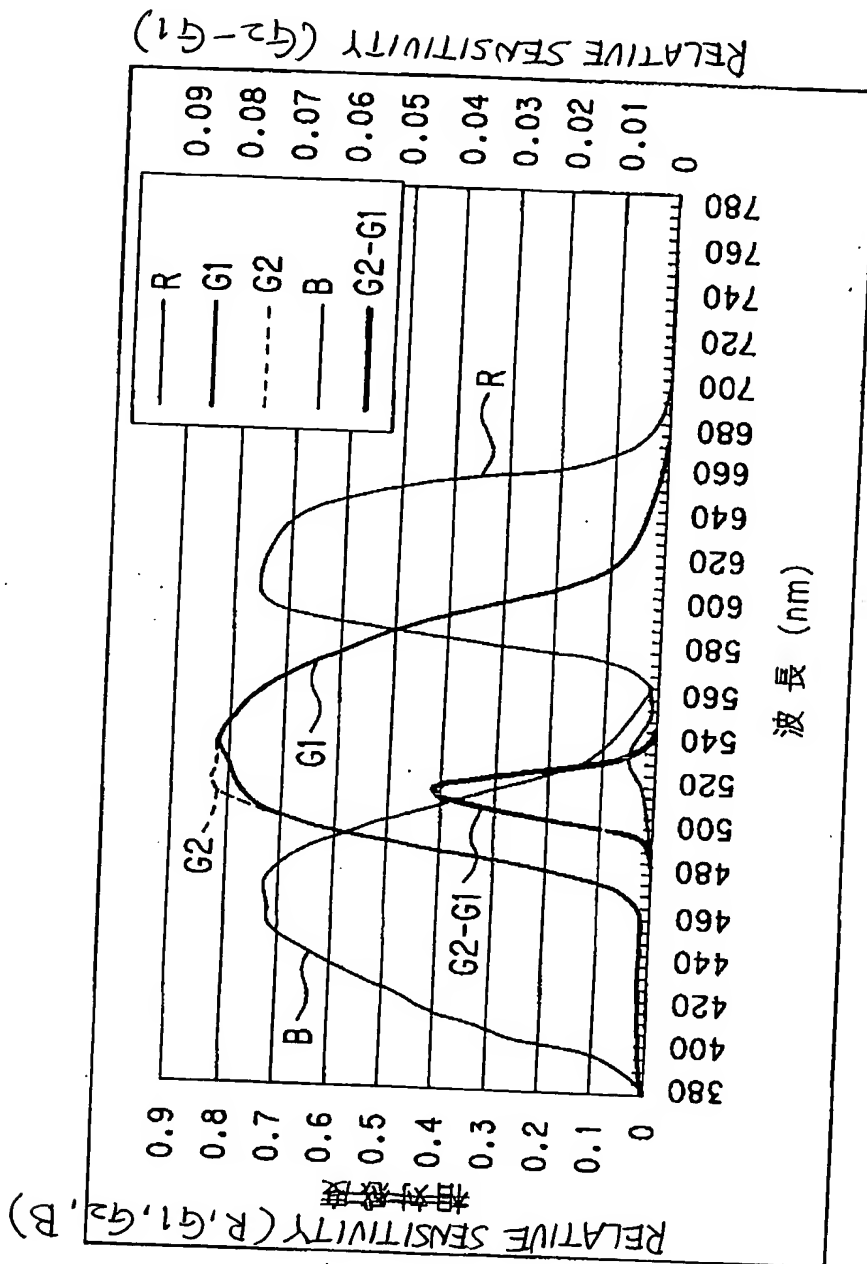


Fig. 3

【図4】

Fig. 4

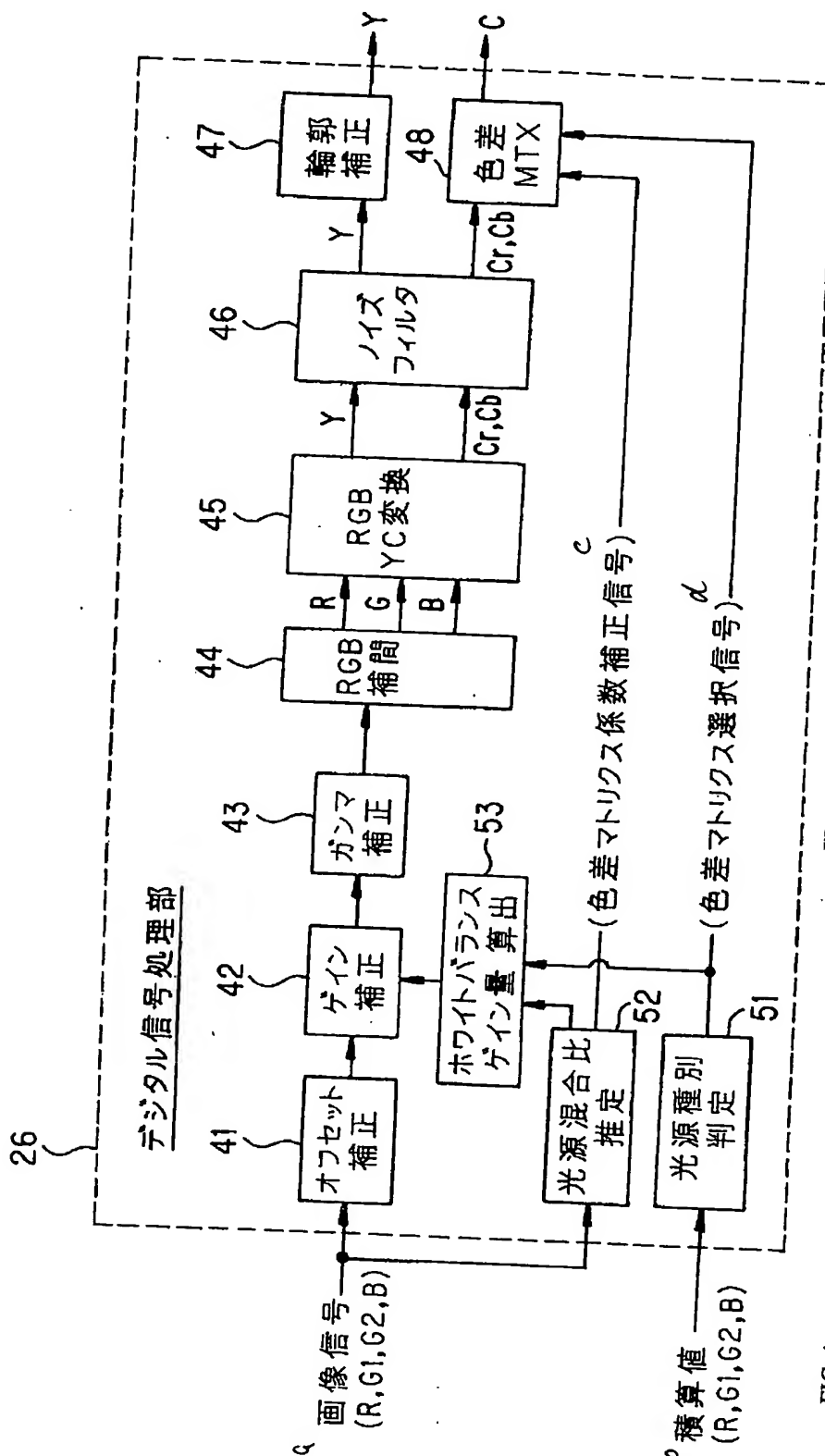


FIG. 4

- a image signals (R, G1, G2, B);
- b multiplied values (R, G1, G2, B);
- c color-difference-matrix coefficient correcting signal;
- d color-difference-matrix selecting signal;
- 26 digital signal processing unit;
- 41 offset correcting circuit;
- 42 gain correcting circuit;
- 43 gamma correcting circuit;
- 44 RGB interpolating calculation circuit;
- 45 RGB/YC converting circuit;
- 46 noise filter;
- 47 contour correcting circuit;
- 48 color difference matrix circuit;
- 53 white balance gain-amount calculating circuit;
- 52 light-source mixing ratio predicting circuit;
- 51 light-source sort judging circuit;

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【図 5】

1

respective colors (macbeth color checker) before correction;
circular symbols: calorimetric points under D65 light source;
loci of reproduced colors under $F6/(D65+F6) = 0$ to 1
(white balance is fitted to D65 light source);
flesh color;
white color;

2

3

日
7

補正前の各色(macbeth ColorChecker) ○ : D65下での測色点。
D65/F6=0~1における再現色の軌跡(WBはD65に合わせてある)

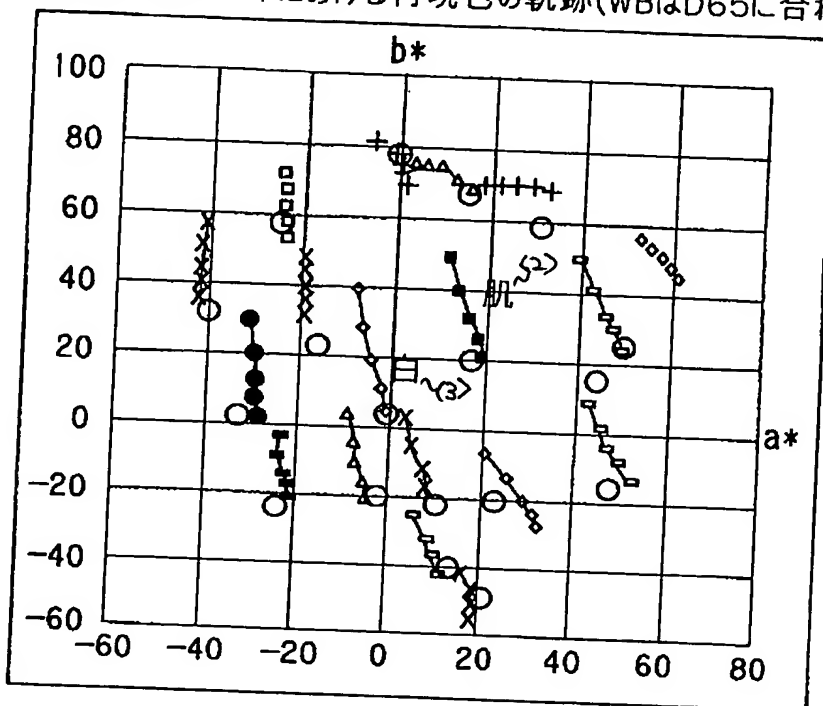


Fig. 5 (a)

WBおよび色差MTX補正後 ~ (17)

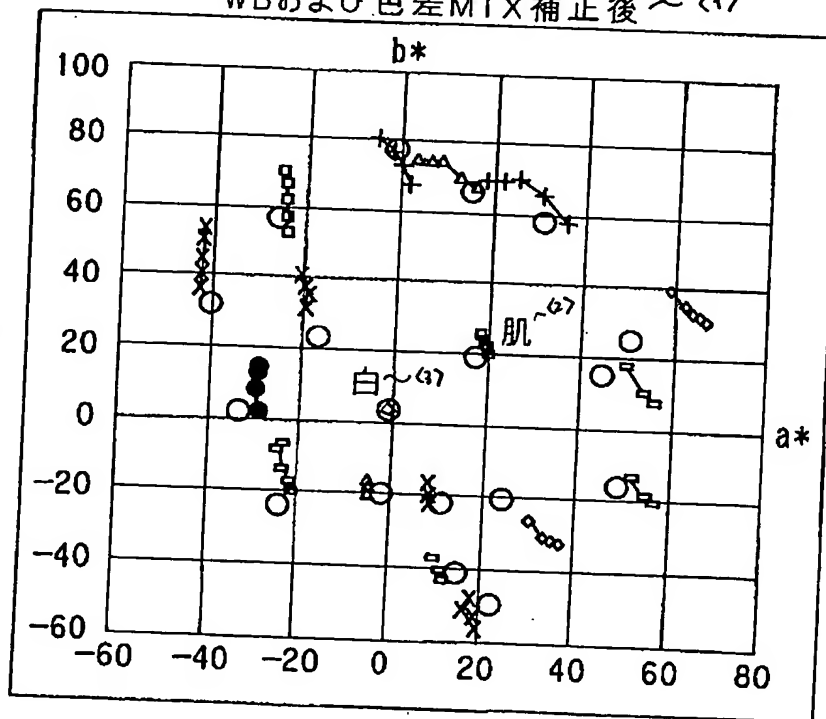


Fig. 5 (b)

1

respective colors after white balance correction and color difference matrix correction;

2

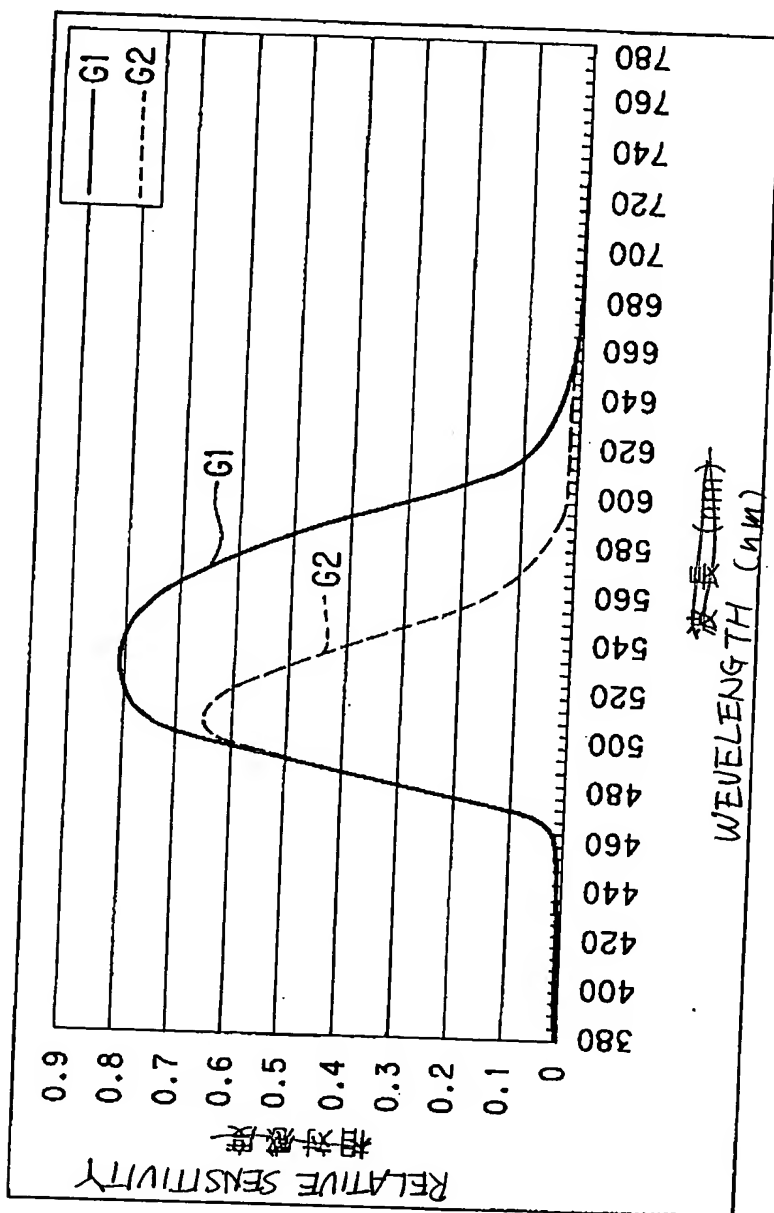
flesh color;

3

white color;

【図6】

Fig. 6



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【図 7】

1

respective colors (macbeth color checker) before correction;
circular symbols: calorimetric points under D65 light source;
loci of reproduced colors under F6/(flash light+F6) = 0 to 1
(white balance is fitted to flash light);

2

flesh color;

3

white color;

(1) 補正前の各色(macbeth ColorChecker) ○ : D65下での測色点。
フラッシュ光/F6=0~1における再現色の軌跡
(WBはフラッシュ光に合わせてある)

Fig. 7(a)

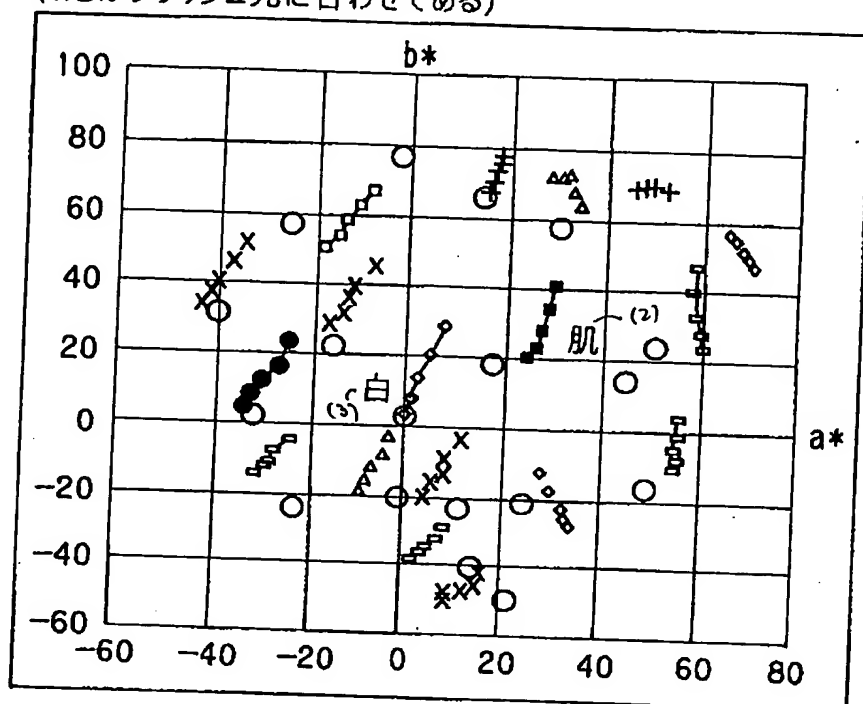


Fig. 7(b)

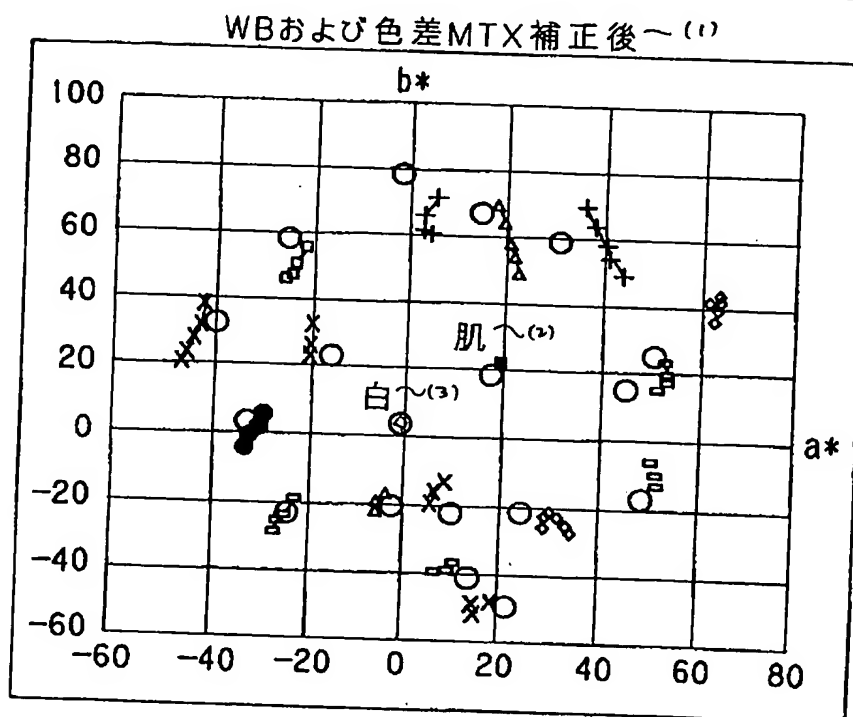


FIG. 7(b)

1

respective colors after white balance correction and color difference matrix correction;

2

flesh color;

3

white color;